

Yun Zhu

List of Publications by Year in descending order

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Version: 2024-02-01

35
papers

1,359
citations

394286

19
h-index

345118

36
g-index

36
all docs

36
docs citations

36
times ranked

2970
citing authors

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 1 | Methylation biomarkers of polybrominated diphenyl ethers (PBDEs) and association with breast cancer risk at the time of menopause. <i>Environment International</i> , 2021, 156, 106772. | 4.8 | 5 |
| 2 | Brain and blood metabolome for Alzheimer's dementia: findings from a targeted metabolomics analysis. <i>Neurobiology of Aging</i> , 2020, 86, 123-133. | 1.5 | 83 |
| 3 | Shared Causal Paths underlying Alzheimer's dementia and Type 2 Diabetes. <i>Scientific Reports</i> , 2020, 10, 4107. | 1.6 | 37 |
| 4 | Genome-wide profiling of DNA methylome and transcriptome in peripheral blood monocytes for major depression: A Monozygotic Discordant Twin Study. <i>Translational Psychiatry</i> , 2019, 9, 215. | 2.4 | 49 |
| 5 | Telomere length and cancer mortality in American Indians: the Strong Heart Study. <i>GeroScience</i> , 2019, 41, 351-361. | 2.1 | 18 |
| 6 | DNA Methylation of Five Core Circadian Genes Jointly Contributes to Glucose Metabolism: A Gene-Set Analysis in Monozygotic Twins. <i>Frontiers in Genetics</i> , 2019, 10, 329. | 1.1 | 20 |
| 7 | DNA methylation variability in Alzheimer's disease. <i>Neurobiology of Aging</i> , 2019, 76, 35-44. | 1.5 | 25 |
| 8 | Urinary metals and leukocyte telomere length in American Indian communities: The Strong Heart and the Strong Heart Family Study. <i>Environmental Pollution</i> , 2019, 246, 311-318. | 3.7 | 23 |
| 9 | Perinatal Exposure to Western Diet Programs Autonomic Dysfunction in the Male Offspring. <i>Cellular and Molecular Neurobiology</i> , 2018, 38, 233-242. | 1.7 | 15 |
| 10 | Childhood Trauma, DNA Methylation of Stress-Related Genes, and Depression: Findings From Two Monozygotic Twin Studies. <i>Psychosomatic Medicine</i> , 2018, 80, 599-608. | 1.3 | 74 |
| 11 | A genome-wide profiling of brain DNA hydroxymethylation in Alzheimer's disease. <i>Alzheimer's and Dementia</i> , 2017, 13, 674-688. | 0.4 | 83 |
| 12 | A quadratically regularized functional canonical correlation analysis for identifying the global structure of pleiotropy with NGS data. <i>PLoS Computational Biology</i> , 2017, 13, e1005788. | 1.5 | 12 |
| 13 | Metabolic Profiles of Obesity in American Indians: The Strong Heart Family Study. <i>PLoS ONE</i> , 2016, 11, e0159548. | 1.1 | 16 |
| 14 | Genome-wide gene-gene interaction analysis for next-generation sequencing. <i>European Journal of Human Genetics</i> , 2016, 24, 421-428. | 1.4 | 23 |
| 15 | Impact of biological aging on arterial aging in American Indians: findings from the Strong Heart Family Study. <i>Aging</i> , 2016, 8, 1583-1592. | 1.4 | 13 |
| 16 | Depressive symptoms are associated with leukocyte telomere length in American Indians: findings from the Strong Heart Family Study. <i>Aging</i> , 2016, 8, 2961-2970. | 1.4 | 6 |
| 17 | Urinary triclosan concentrations are inversely associated with body mass index and waist circumference in the US general population: Experience in NHANES 2003-2010. <i>International Journal of Hygiene and Environmental Health</i> , 2015, 218, 401-406. | 2.1 | 60 |
| 18 | Pathway analysis with next-generation sequencing data. <i>European Journal of Human Genetics</i> , 2015, 23, 507-515. | 1.4 | 7 |

| # | ARTICLE | IF | CITATIONS |
|----|---|-----|-----------|
| 19 | Joint Association of Nicotinic Acetylcholine Receptor Variants with Abdominal Obesity in American Indians: The Strong Heart Family Study. PLoS ONE, 2014, 9, e102220. | 1.1 | 10 |
| 20 | Metabolic profiles of biological aging in American Indians: The strong heart family study. Aging, 2014, 6, 176-186. | 1.4 | 22 |
| 21 | Short Leukocyte Telomere Length Predicts Risk of Diabetes in American Indians: the Strong Heart Family Study. Diabetes, 2014, 63, 354-362. | 0.3 | 133 |
| 22 | Genetic variants in nicotinic acetylcholine receptor genes jointly contribute to kidney function in American Indians. Journal of Hypertension, 2014, 32, 1042-1049. | 0.3 | 7 |
| 23 | Smoothed functional principal component analysis for testing association of the entire allelic spectrum of genetic variation. European Journal of Human Genetics, 2013, 21, 217-224. | 1.4 | 21 |
| 24 | Joint Associations of 61 Genetic Variants in the Nicotinic Acetylcholine Receptor Genes with Subclinical Atherosclerosis in American Indians. Circulation: Cardiovascular Genetics, 2013, 6, 89-96. | 5.1 | 11 |
| 25 | Effects of shear stresses and antioxidant concentrations on the production of reactive oxygen species in lung cancer cells. Biomicrofluidics, 2013, 7, 064108. | 1.2 | 31 |
| 26 | QTL mapping of leukocyte telomere length in American Indians: The Strong Heart Family Study. Aging, 2013, 5, 704-716. | 1.4 | 17 |
| 27 | A Novel Genome-Information Content-Based Statistic for Genome-Wide Association Analysis Designed for Next-Generation Sequencing Data. Journal of Computational Biology, 2012, 19, 731-744. | 0.8 | 3 |
| 28 | Quantitative trait locus analysis for next-generation sequencing with the functional linear models. Journal of Medical Genetics, 2012, 49, 513-524. | 1.5 | 38 |
| 29 | Weighted pedigree-based statistics for testing the association of rare variants. BMC Genomics, 2012, 13, 667. | 1.2 | 11 |
| 30 | A Gene-Family Analysis of 61 Genetic Variants in the Nicotinic Acetylcholine Receptor Genes for Insulin Resistance and Type 2 Diabetes in American Indians. Diabetes, 2012, 61, 1888-1894. | 0.3 | 27 |
| 31 | Family-Based Association Studies for Next-Generation Sequencing. American Journal of Human Genetics, 2012, 90, 1028-1045. | 2.6 | 48 |
| 32 | Implication of next-generation sequencing on association studies. BMC Genomics, 2011, 12, 322. | 1.2 | 19 |
| 33 | Gene and pathway-based second-wave analysis of genome-wide association studies. European Journal of Human Genetics, 2010, 18, 111-117. | 1.4 | 228 |
| 34 | Genome-wide gene and pathway analysis. European Journal of Human Genetics, 2010, 18, 1045-1053. | 1.4 | 99 |
| 35 | A Novel Statistic for Genome-Wide Interaction Analysis. PLoS Genetics, 2010, 6, e1001131. | 1.5 | 64 |